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DESCRIPTORS: *Operators (Mathematics), *Equa-
tions, Stability, *Functions, Theory.

Two theorems are presented. The first is an implicit
function theorem and the second deals with the exist-
ence of solutions of a system of operator equations.
(Translator)

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*Linear systems. Mathematical analysis, Integral
equations.

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the stability of the solutions of certain distributed sys-
tems, which are described by differential equations
with lagging arguments, is being investigated. We also
consider equations involving partial derivatives which
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uniformly distributed elements (lags, pipe-lines fric-
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DESCRIPTORS: *Platinum, *Hydrogen, Isotopes,
*Exchange reactions, Catalysts, Surfaces.

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